Drawings: 1 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

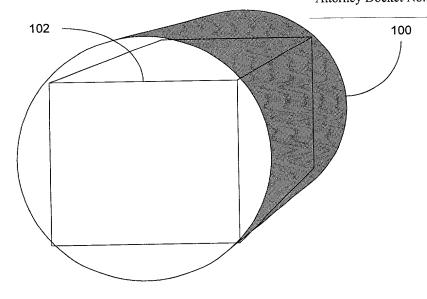


FIGURE 1A

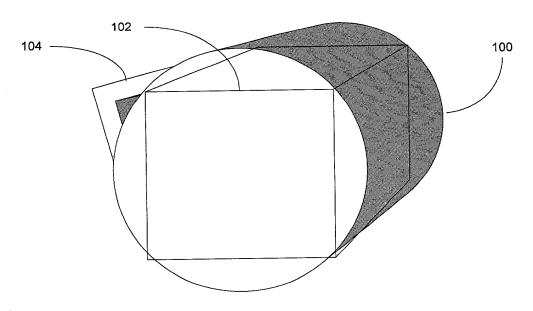


FIGURE 1B

Drawings: 2 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00

FIGURE 1C

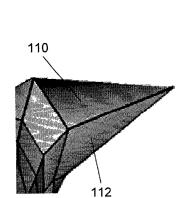


FIGURE 1D

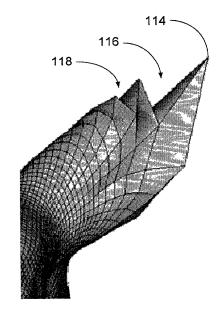


FIGURE 1E

Drawings: 3 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

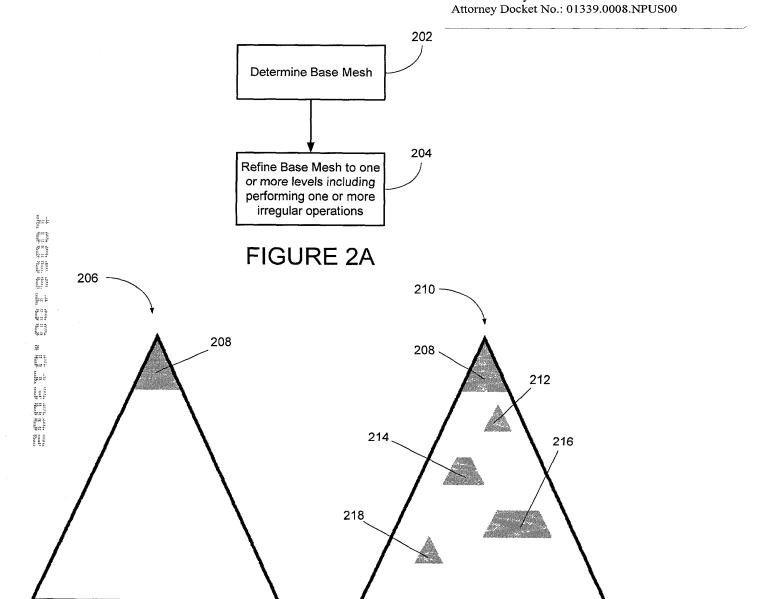


FIGURE 2C

FIGURE 2B

Drawings: 4 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

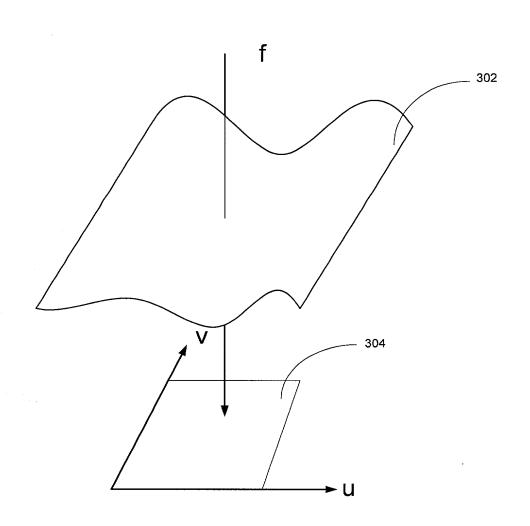


FIGURE 3

Drawings: 5 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

400

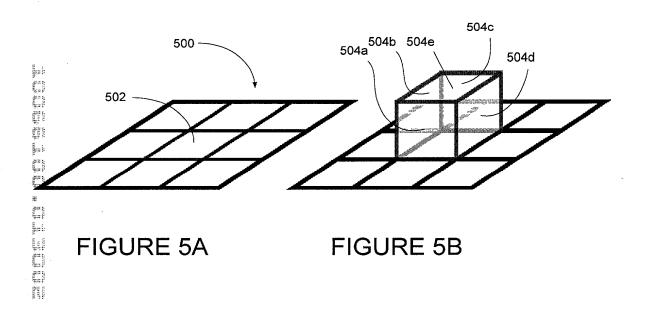
13. 13 . 13 . 18 . 14 . 14 . 14 . 14 . 14 . 14 . 14	<u>401a</u>			
is different from the first from the	<u>401b</u>	<u>401c</u>	<u>401d</u>	
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				

402			

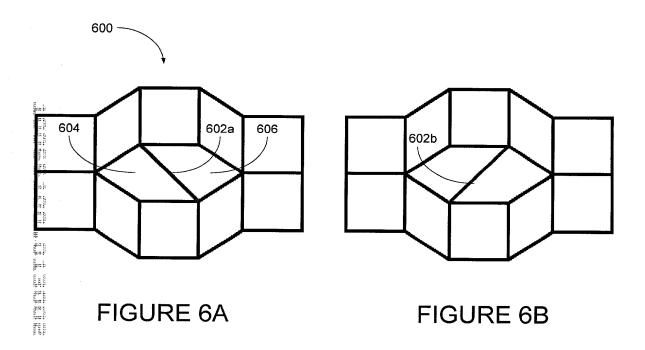
FIGURE 4A

FIGURE 4B

Drawings: 6 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002



Drawings: 7 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002



Drawings: 8 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

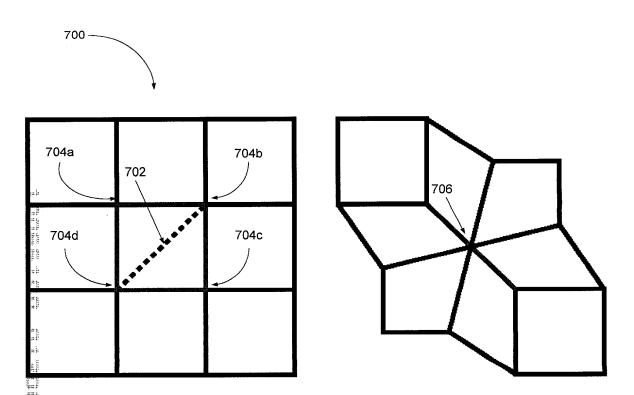


FIGURE 7A

FIGURE 7B

Drawings: 9 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

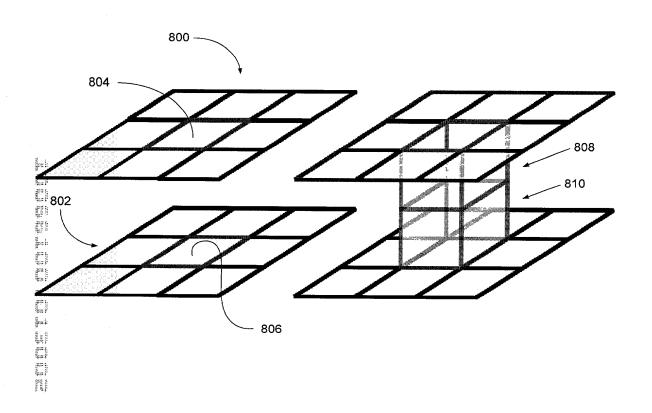


FIGURE 8

Drawings: 10 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

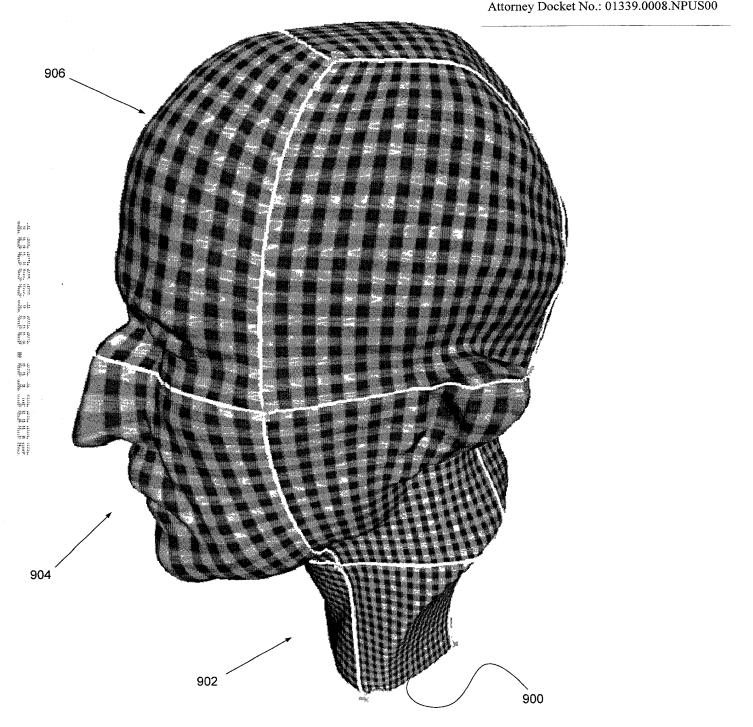


FIGURE 9A

Drawings: 11 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

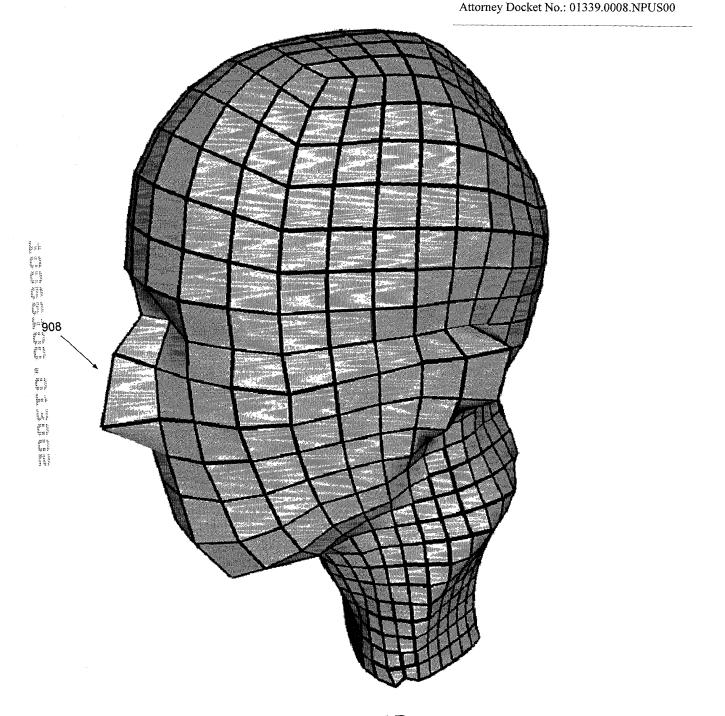


FIGURE 9B

Drawings: 12 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

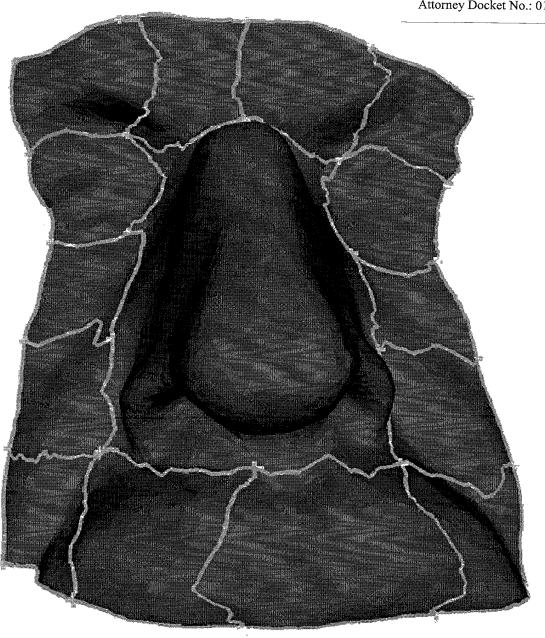


FIGURE 9C

Drawings: 13 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES Serial No.: Herewith Filed: January 30, 2002

Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

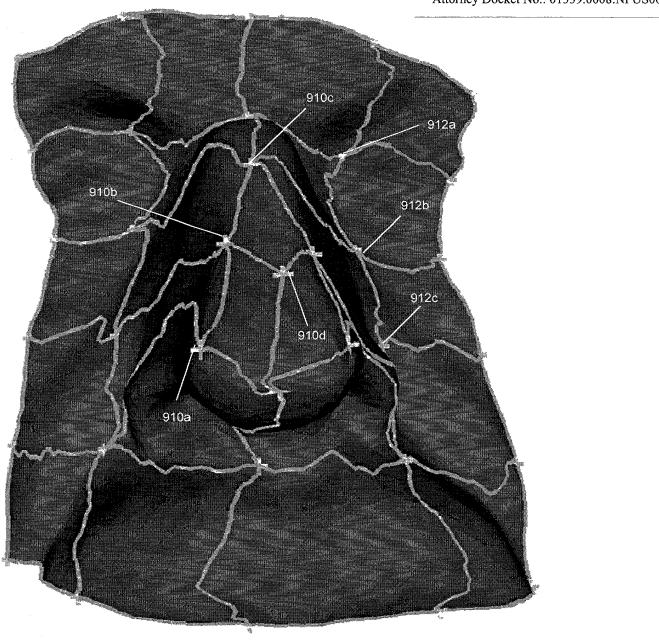


FIGURE 9D

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Drawings: 14 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

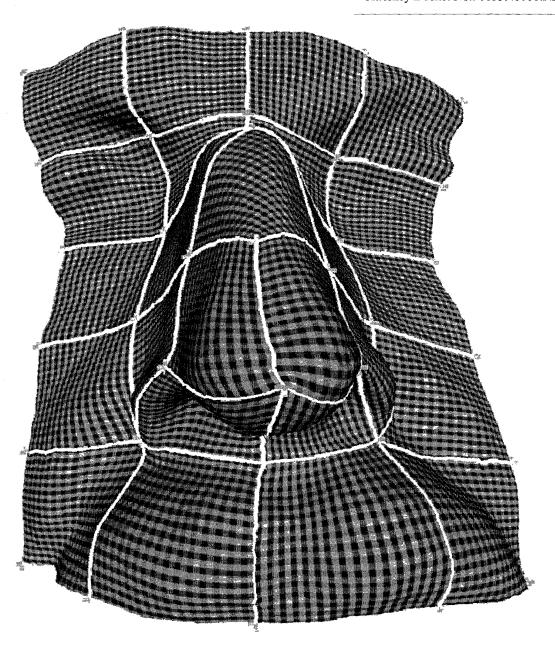


FIGURE 9E

Drawings: 15 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

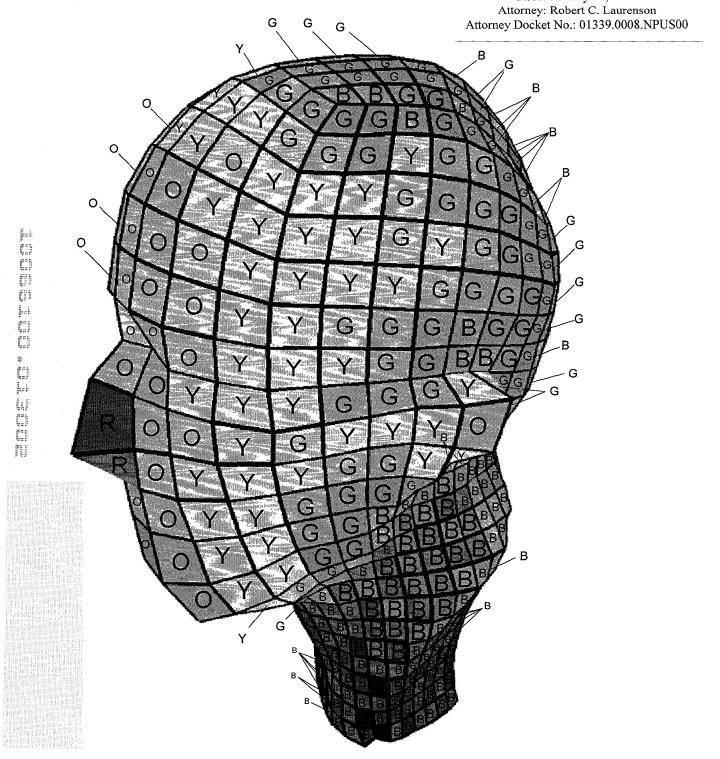


FIGURE 9F

Drawings: 16 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

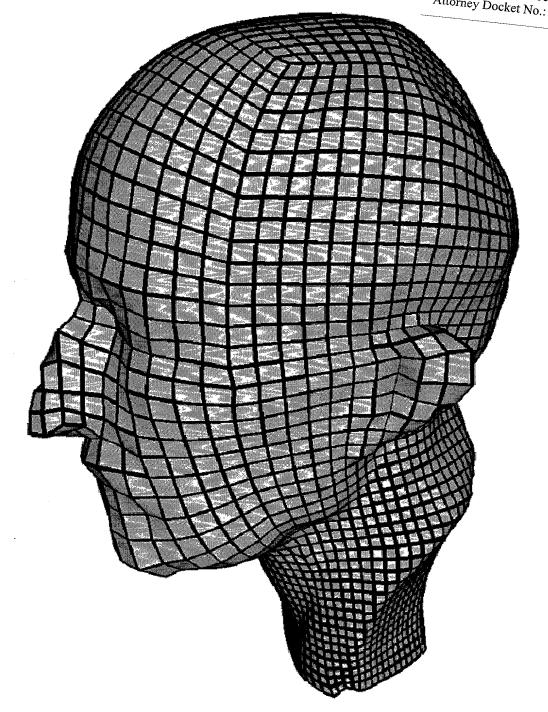


FIGURE 9G

Drawings: 17 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

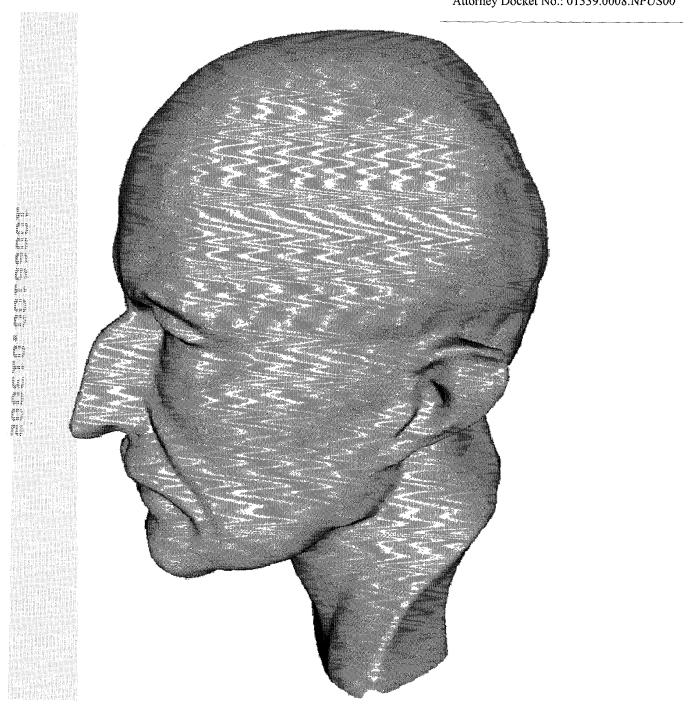


FIGURE 9H

Drawings: 18 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

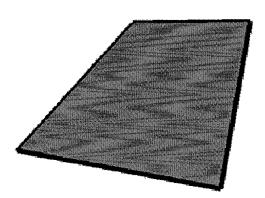


FIGURE 10A

Drawings: 19 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

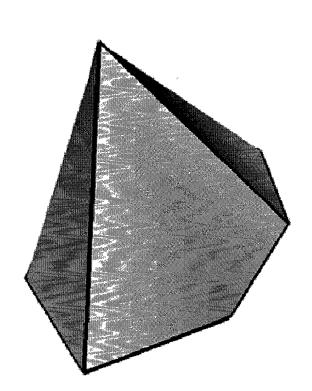


FIGURE 10B

Drawings: 20 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

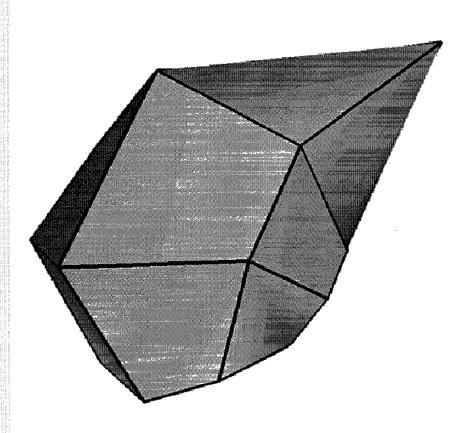


FIGURE 10C

Drawings: 21 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

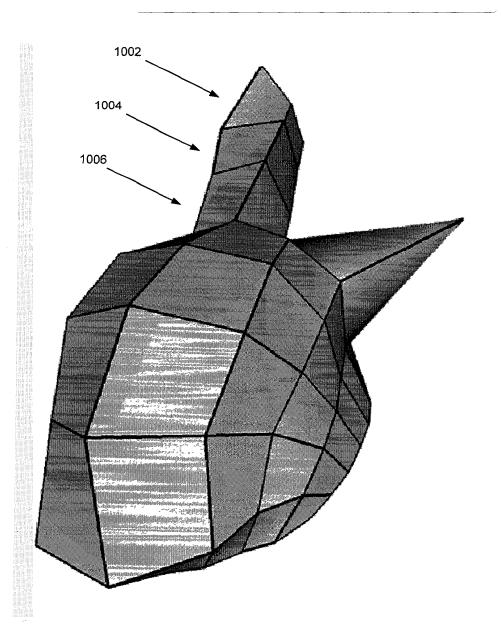


FIGURE 10D

Drawings: 22 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

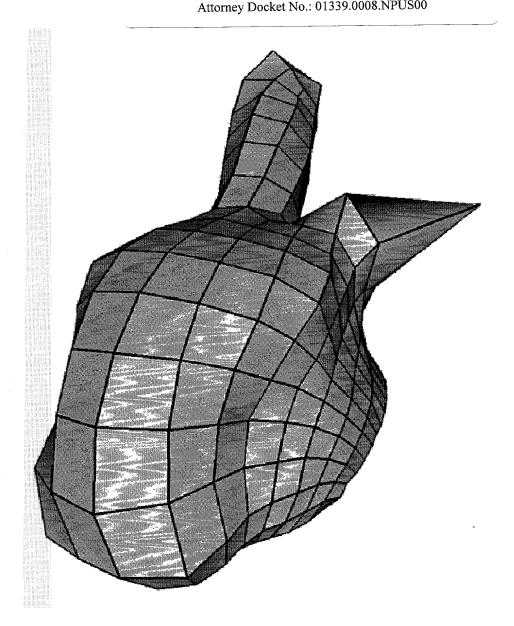


FIGURE 10E

Drawings: 23 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

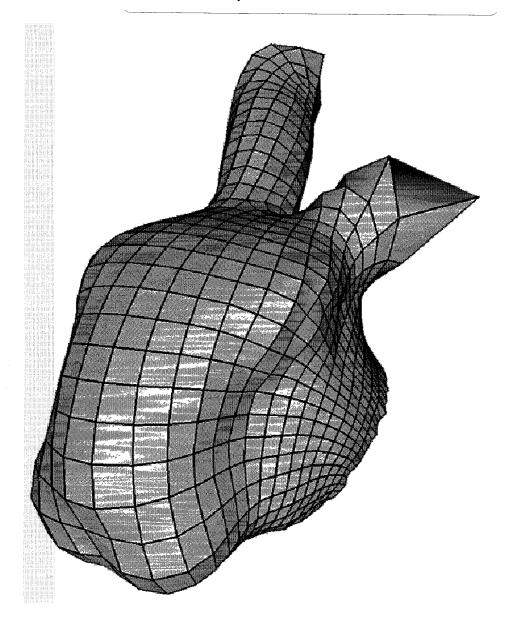


FIGURE 10F

Drawings: 24 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

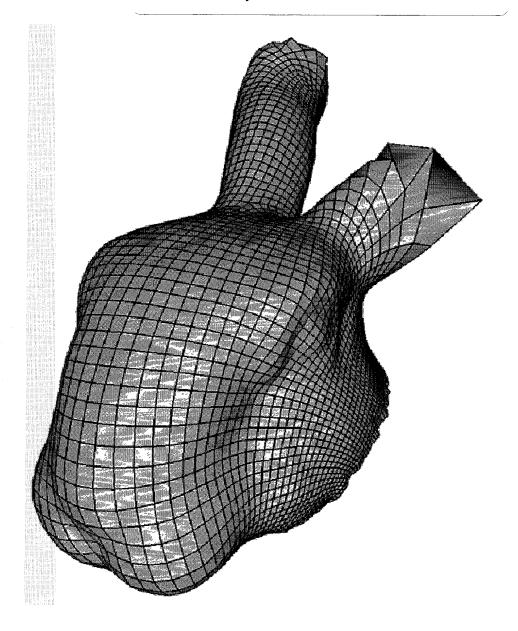


FIGURE 10G

Drawings: 25 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

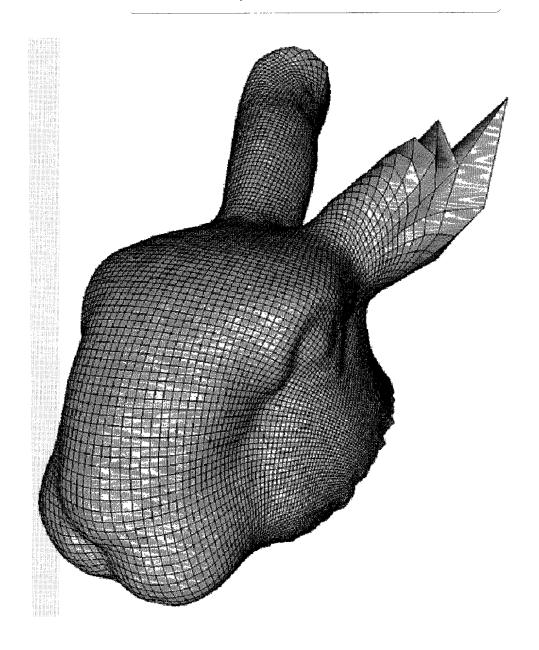


FIGURE 10H

Drawings: 26 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

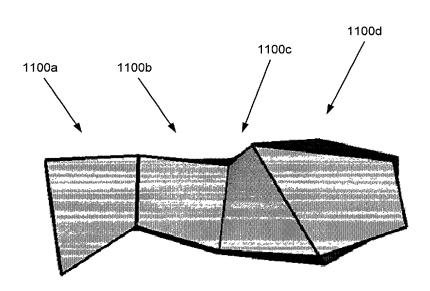


FIGURE 11A

Drawings: 27 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

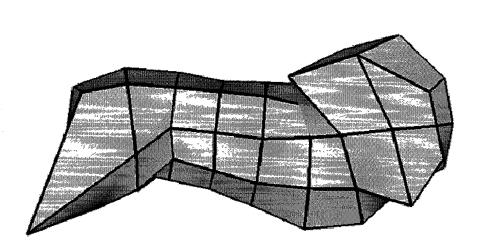


FIGURE 11B

Drawings: 28 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

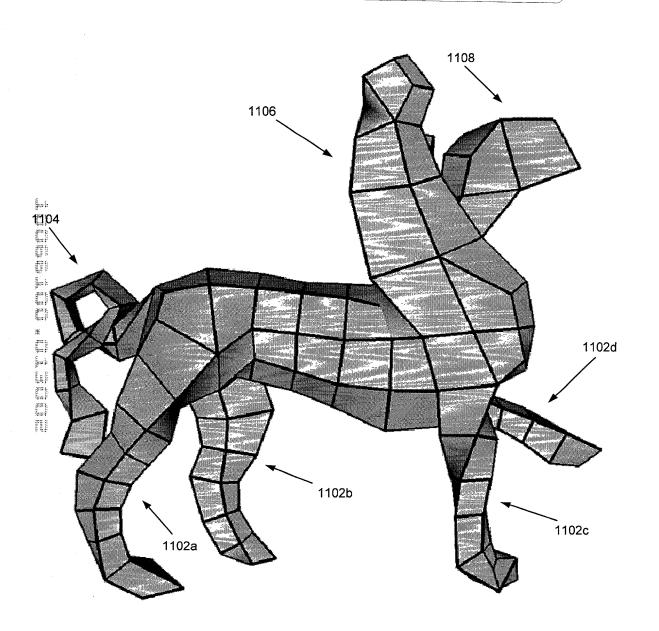


FIGURE 11C

Drawings: 29 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

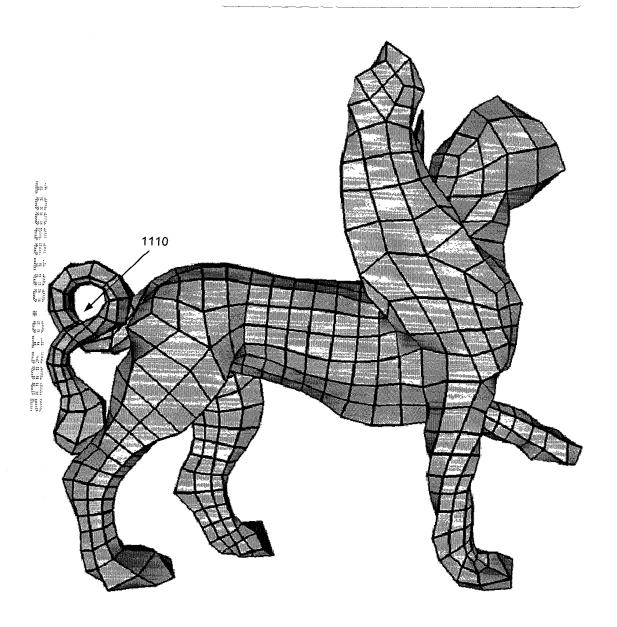


FIGURE 11D

Drawings: 30 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

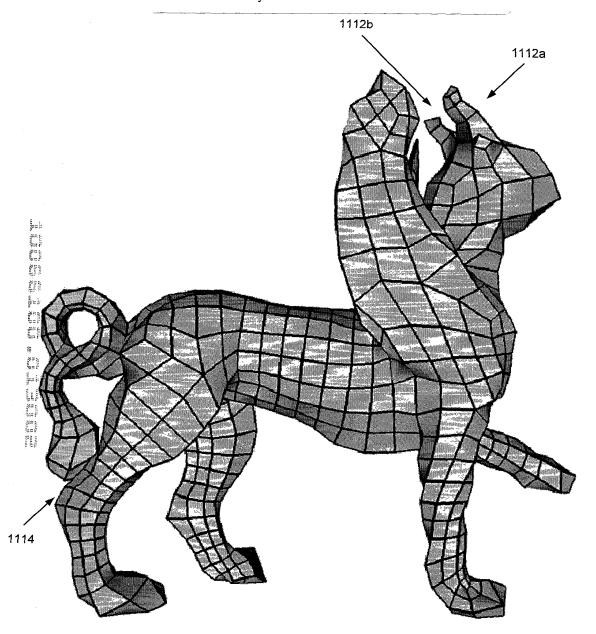


FIGURE 11E

Drawings: 31 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



FIGURE 11F

Drawings: 32 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

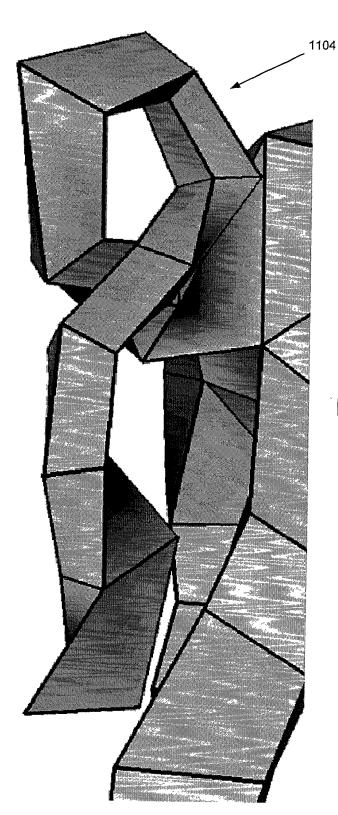


FIGURE 12A

Drawings: 33 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

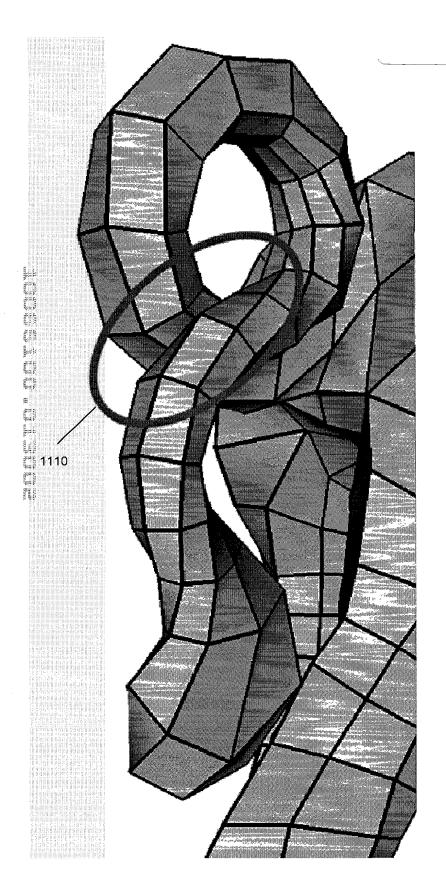


FIGURE 12B

Drawings: 34 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



FIGURE 12C

Drawings: 35 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

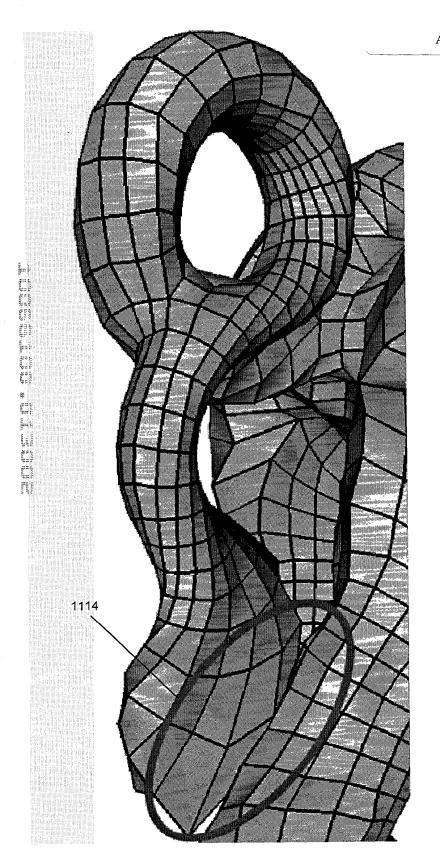
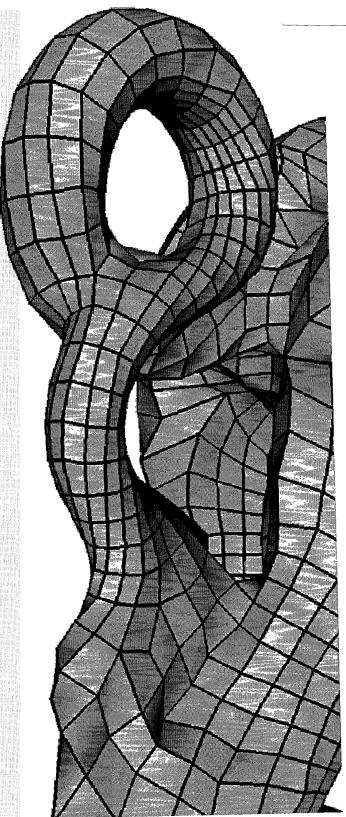


FIGURE 12D

Drawings: 36 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00



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2

ACCEPTANCE OF THE STATE OF THE

FIGURE 12E

Drawings: 37 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

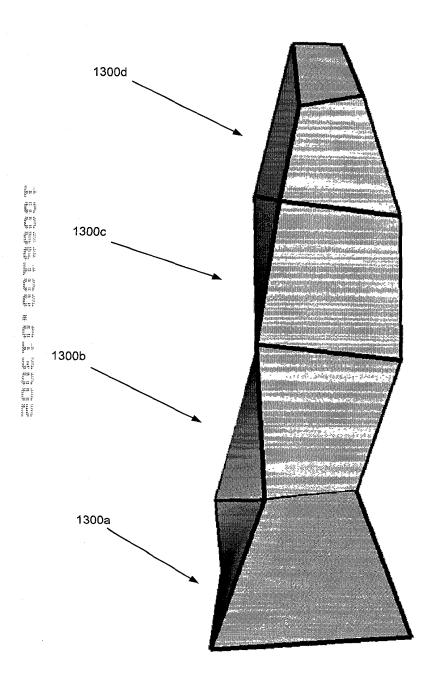


FIGURE 13A

Drawings: 38 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

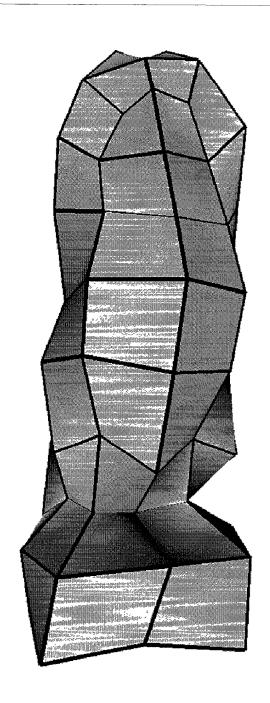


FIGURE 13B

Drawings: 39 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

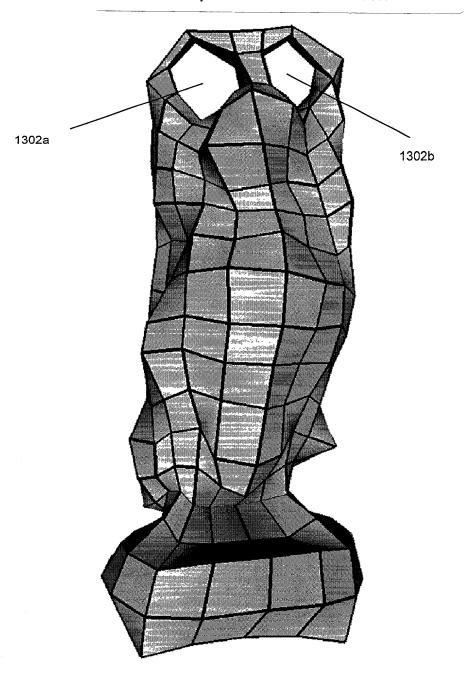


FIGURE 13C

Drawings: 40 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

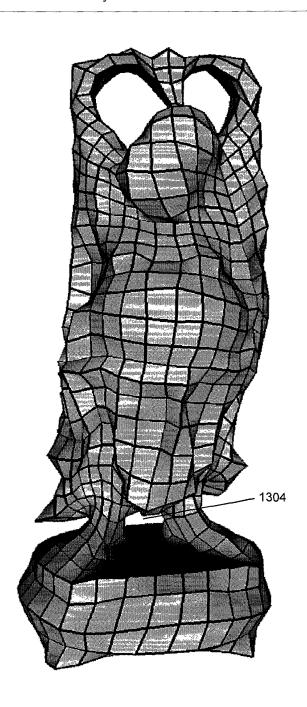


FIGURE 13D

Drawings: 41 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

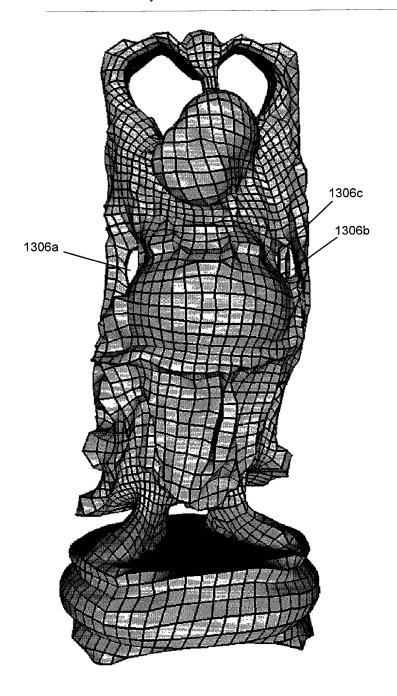


FIGURE 13E

Drawings: 42 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

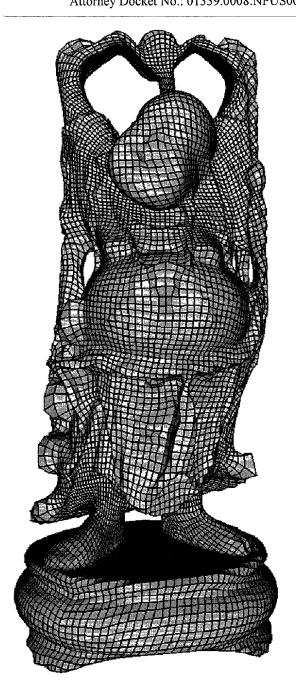


FIGURE 13F

Drawings: 43 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

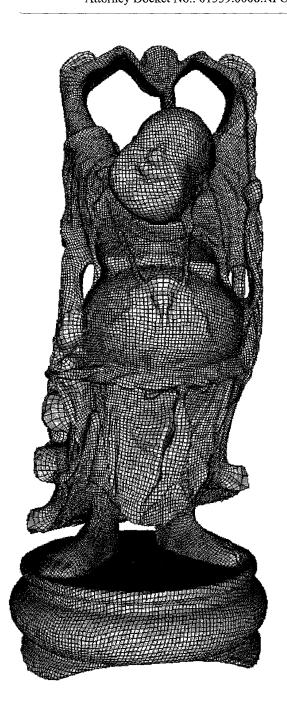


FIGURE 13G

Drawings: 44 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

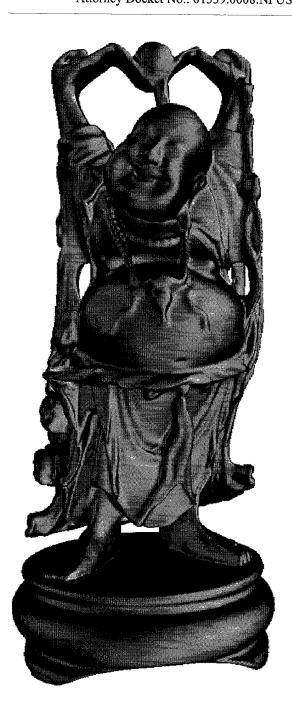
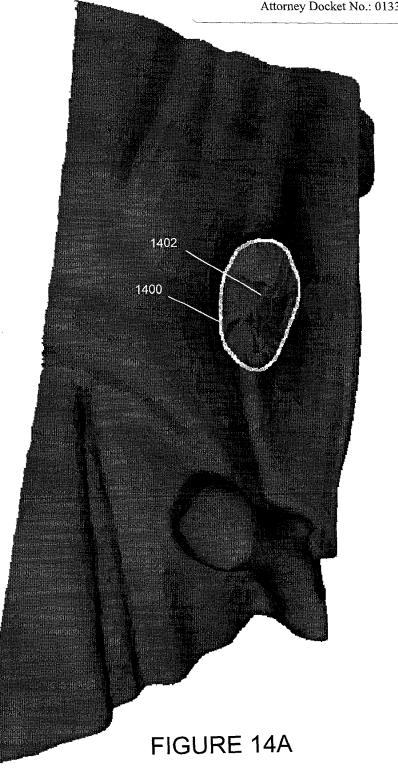


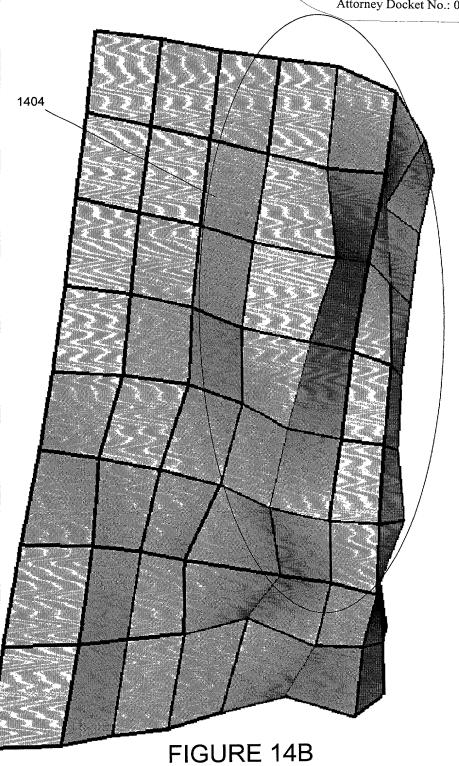
FIGURE 13H

Drawings: 45 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00



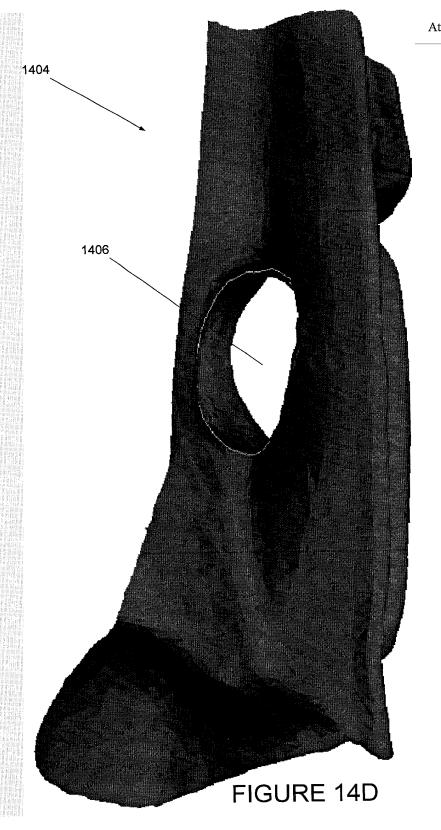
Drawings: 46 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

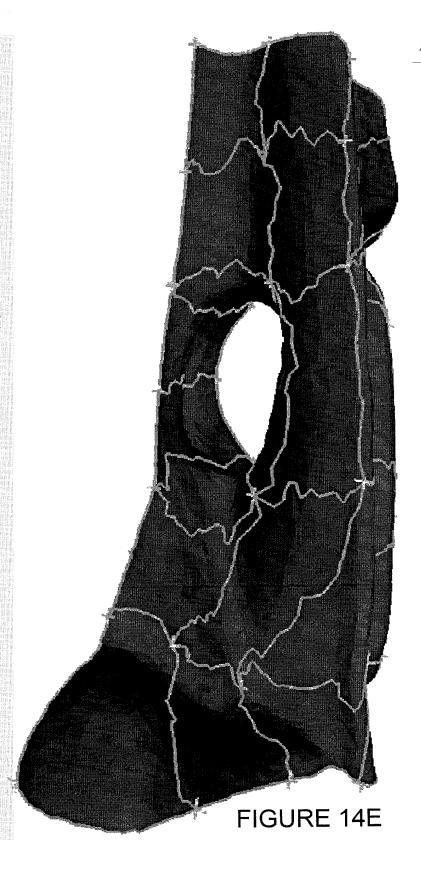


Serial No.: Herewith Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00 1402 1402 Hart Mark State State He stands and the stands are stands and the stands and the stands are stands and the stands are stands and the stands and the stands are stands and the stands and the stands are stands are stands and the stands are stands are stands and the stands are stands are FIGURE 14C

Drawings: 47 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES

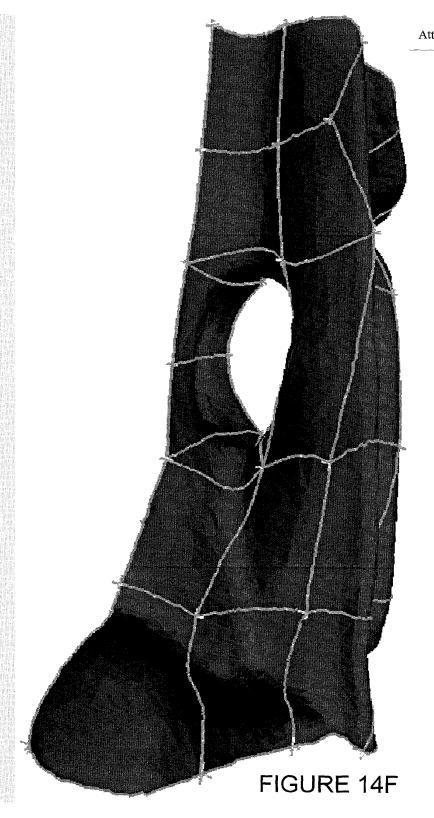
Drawings: 48 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00





Drawings: 49 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

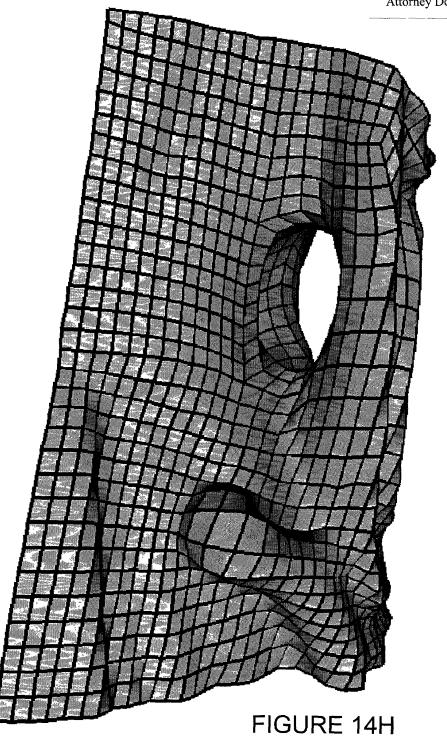
Drawings: 50 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



Drawings: 51 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



Drawings: 52 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



Drawings: 53 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

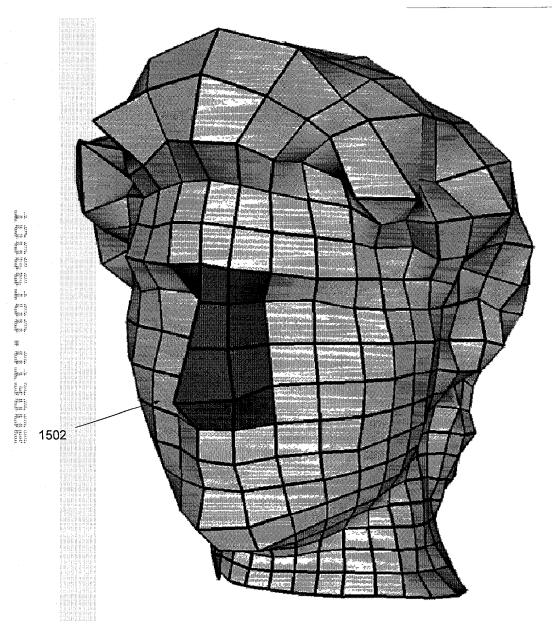


FIGURE 15A

Drawings: 54 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

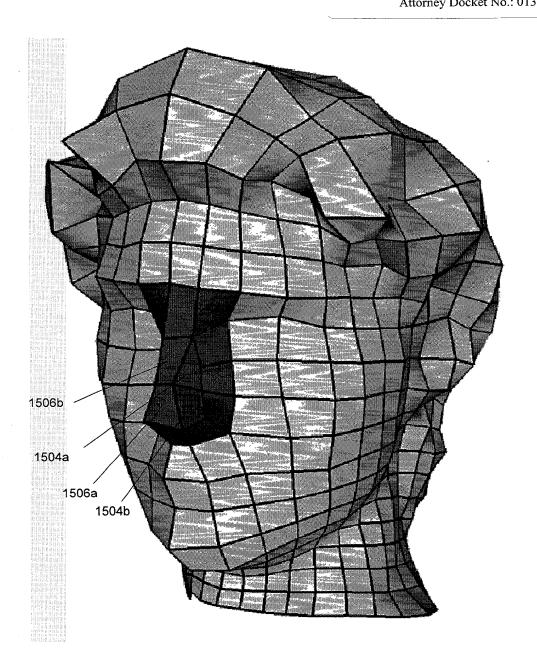


FIGURE 15B

Drawings: 55 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

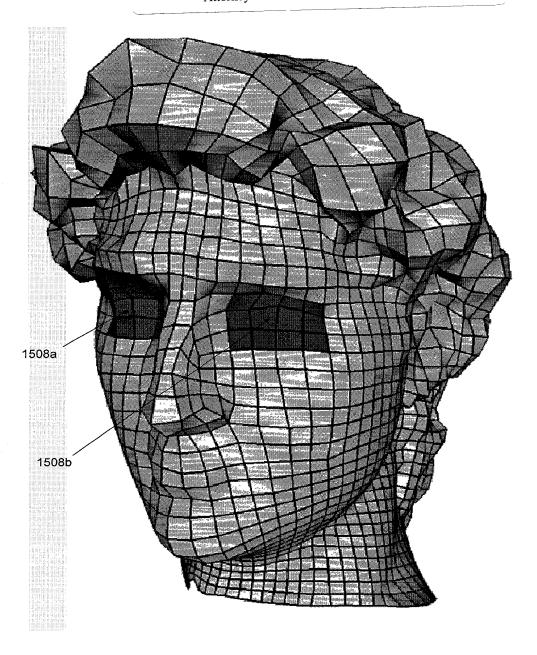


FIGURE 15C

Drawings: 56 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

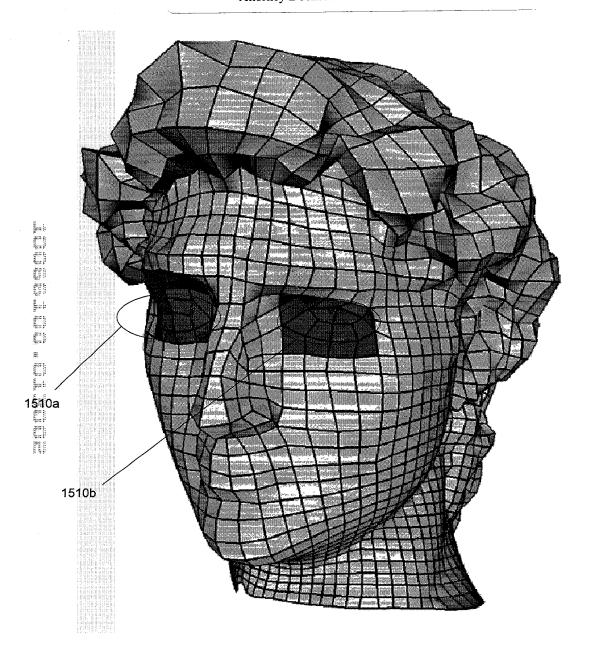


FIGURE 15D

Drawings: 57 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

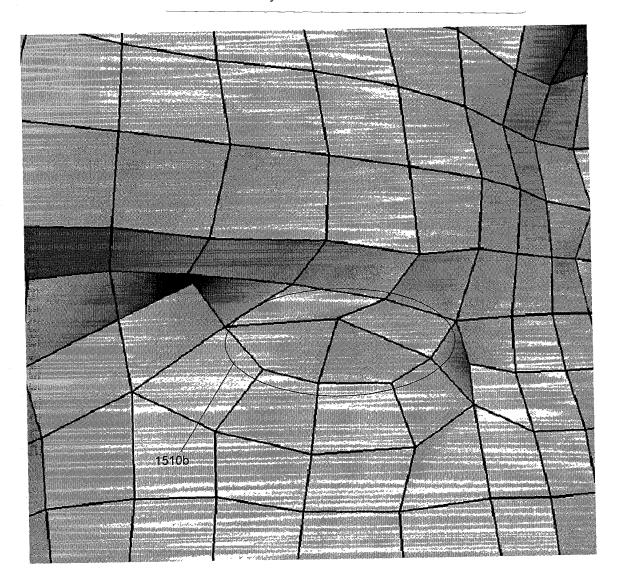


FIGURE 15E

Drawings: 58 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00

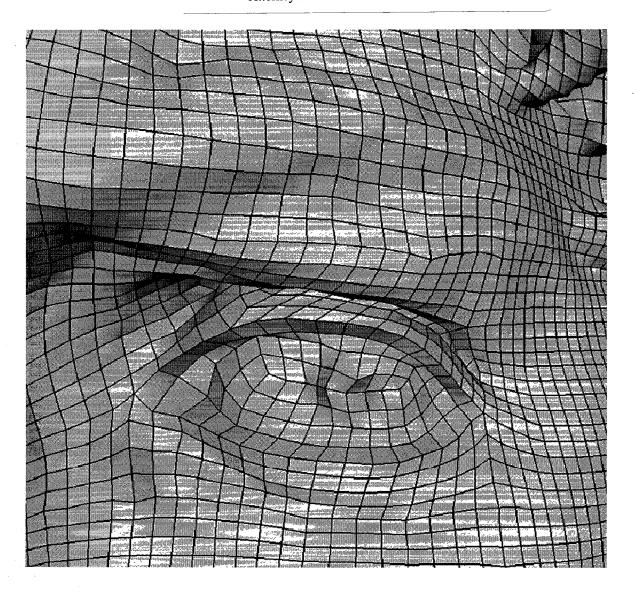


FIGURE 15F

Drawings: 59 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

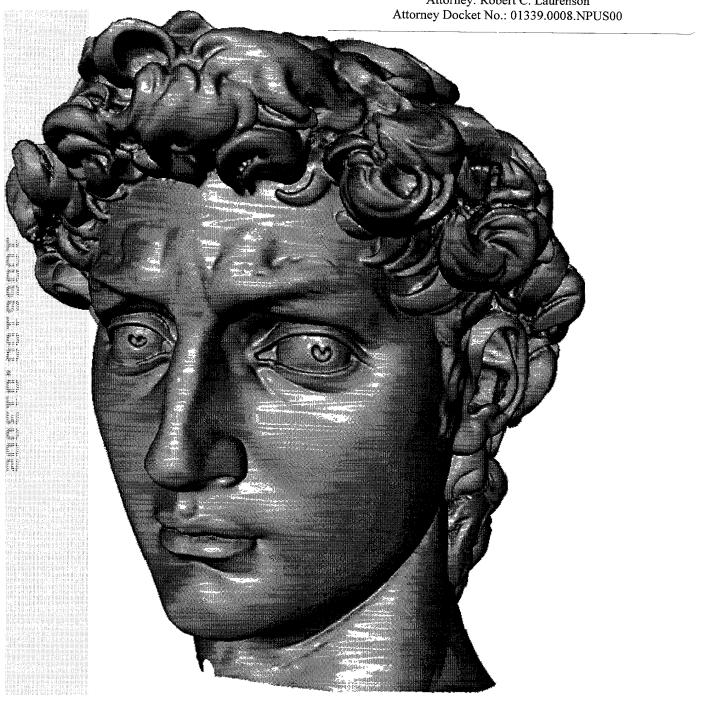
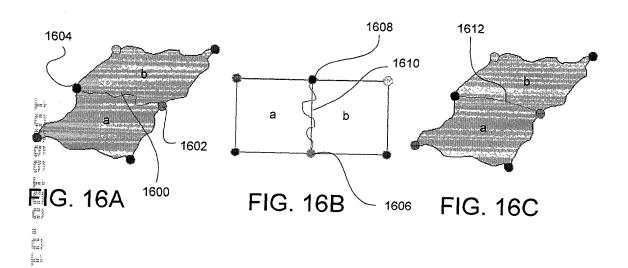


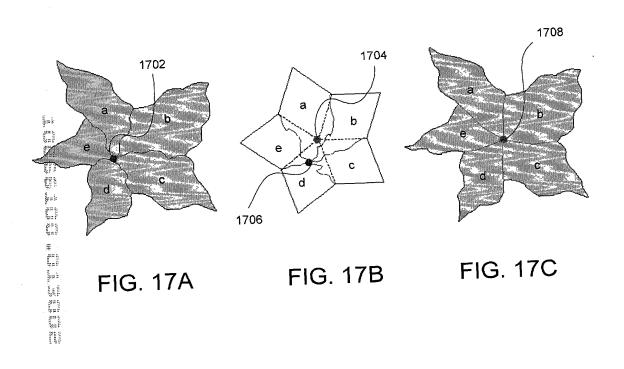
FIGURE 15G

Drawings: 60 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



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Drawings: 61 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002



Drawings: 62 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES Serial No.: Herewith Filed: January 30, 2002

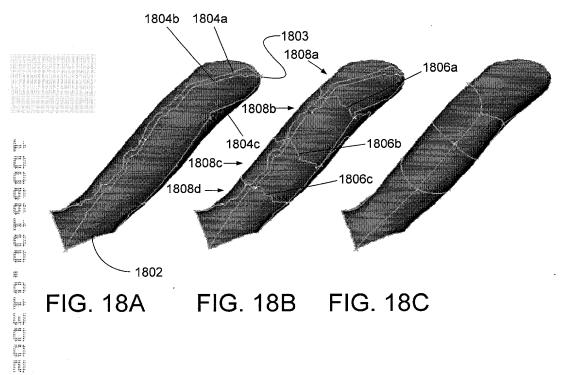


FIG. 18A FIG. 18B FIG. 18C

Drawings: 63 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

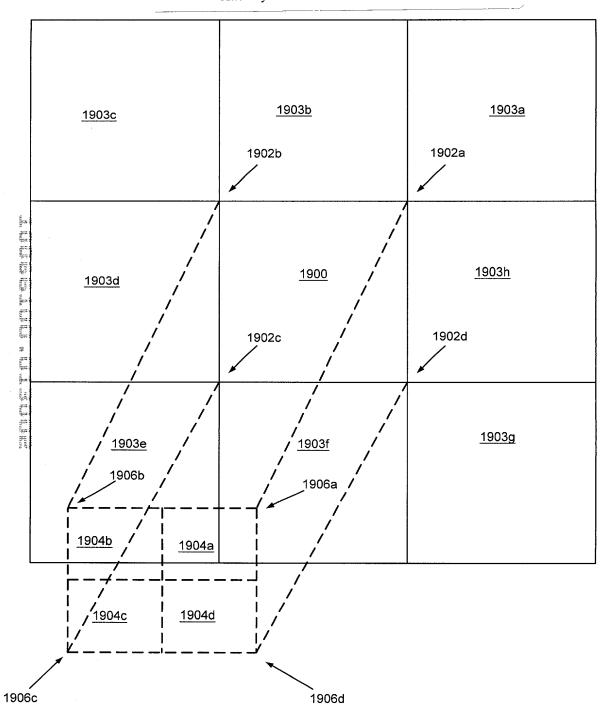


FIGURE 19